WHAT IS CLAIMED IS:

1	 A computer implemented method for remotely configuring a
2	Virtual Private Network (VPN) between a client-side system and a server-side
3	system, comprising:
4	receiving data indicative of a selected server-side system and a
5	selected client-side system between which a VPN is to be established;
6	automatically determining security settings for said client-side
7	system based at least partially on said data; and
8	automatically transmitting VPN configuration details to said
9	client-side system, where said VPN configuration details include said
10	security settings,
11	such that in use said client-side system is automatically configured with
12	said VPN configuration details to establish a secure VPN tunnel between said
13	client-side system and said server-side system.

- 1 2. The computer implemented method of claim 1, wherein said receiving
- 2 comprises obtaining said data indicative of a selected server in said server-
- 3 side system and a selected user of said client-side system from a system
- 4 administrator, via an electronic network.
- 1 3. The computer implemented method of claim 1, wherein said
- 2 determining comprises creating a public and private key.
- 1 4. The computer implemented method of claim 1, wherein said
- 2 determining comprises establishing a Digital Certificate.
- 1 5. The computer implemented method of claim 1, further comprising:
- 2 automatically ascertaining further security settings for said
- 3 server-side system;

4		automatically transmitting VPN configuration details to a			
5	concentrator within said server-side system, where said VPN				
6		configuration details include said further security settings.			
1	6.	The computer implemented method of claim 1, further comprising:			
2		automatically ascertaining further security settings for said			
3		server-side system; and			
4		automatically transmitting VPN configuration details to a firewal			
5		within said server-side system, where said VPN configuration details			
6		include said further security settings.			
1	7.	The computer implemented method of claim 1, wherein said			
2	transmitting comprises communicating said VPN configuration details to a				
3	modem within said client-side system.				
1	8.	The computer implemented method of claim 1, wherein said			
2	transmitting comprises communicating said VPN configuration details to a				
3	firewall on a modem within said client-side system.				
1	9.	The computer implemented method of claim 1, further comprising the			
2	step, after said determining step, of: storing said data and said security				
3	3 settings.				
1	10.	The computer implemented method of claim 1, further comprising the			
2	steps	s, after said transmitting step, of:			
3		receiving a password from said client-side system; and			
4		authenticating said password.			
1	11.	The computer implemented method of claim 1, further comprising:			
2		establishing a Virtual Private Network tunnel between said			
3		client-side system and said server-side system; and			
4		verifying that said tunnel is operational.			

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- The computer implemented method of claim 1, further comprising 1 12. configuring a login page on a modem within said client-side system. 2 A computer program product for use in conjunction with a computer 13. 1 system for remotely configuring a Virtual Private Network (VPN) between a 2 client-side system and a server-side system, the computer program product 3 comprising a computer readable storage and a computer program stored 4 therein, the computer program comprising: 5
 - instructions for receiving data indicative of a selected serverside system and a selected client-side system between which a VPN is to be established;
 - instructions for automatically determining security settings for said client-side system based at least partially on said data; and instructions for automatically transmitting VPN configuration details to said client-side system, where said VPN configuration details include said security settings.
- 1 14. The computer program product of claim 13, wherein said instructions 2 for receiving further comprise instructions for obtaining said data indicative of 3 a selected server in said server-side system and a selected user of said 4 client-side system from a system administrator, via an electronic network.
- 1 15. The computer program product of claim 13, wherein said instructions
 2 for determining further comprise instructions for creating a public and private
 3 key.
- 1 16. The computer program product of claim 13, wherein said instructions
 2 for determining further comprise instructions for establishing a Digital
 3 Certificate.

1	17. The computer program product of claim 13, wherein said computer				
2	program further comprises:				
3	instructions for automatically ascertaining further security				
4	settings for said server-side system; and				
5	instructions for automatically transmitting VPN configuration				
6	details to a concentrator within said server-side system, where said				
7	VPN configuration details include said further security settings.				
. 1	18. A computer implemented method for remotely configuring a				
2	Virtual Private Network (VPN) between a client-side system and a server-side				
3	system, comprising:				
4	receiving at a modem within said client-side system, VPN				
5	configuration details from a service provider system, where said VPN				
6	configuration details include security settings for establishing a VPN				
7	with a remote server-side system; and				
8	automatically configuring said modem, with said VPN				
9	configuration details,				
10	such that in use a secure VPN tunnel can be established between said				
11	client-side system and said server-side system.				
1	19. The computer implemented method of claim 18, wherein said				
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1	20. The computer implemented method of claim 18, further comprising:				
2	receiving a password from said client-side system; and				
3	authenticating said password.				
1	21. The computer implemented method of claim 20, wherein said				
2	authenticating comprises:				
3	sending said password to an authentication server within said				
4	server-side system ;				

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1	22.	A remotely configurable Virtual Private Network (VPN) comprising:
2		a client-side network comprising:
3		a modem that communicates with the Internet; and
4		at least one client computer electrically coupled to said
5		modem;
6		a server-side network comprising:
7		a VPN concentrator that communicates with the Internet;
8		and
9		at least one server electrically coupled to said VPN
10		concentrator; and
11		a service provider network comprising:
12		a security generator for automatically determining
13		security settings used to secure VPN communication between
14		said client computer and said server;
15		a VPN synchronizer for automatically configuring said
16		modem with said security settings; and
17		a modem synchronizer for automatically configuring said
18		modem with said security settings.

receiving authentication from said authentication server.

- The remotely configurable Virtual Private Network (VPN) of claim 22,
- erein said modem is a DSL (Digital Subscriber Line) modem.
- The remotely configurable Virtual Private Network (VPN) of claim 18, 1 24.
- wherein said server-side network further comprises: 2
- 3 a router configured to electrically couple to the Internet;
- 4 a firewall electrically coupled to said router;
- an authentication server for authenticating a user of said client 5
- 6 computer;
- 7 a file server;
- 8 a proxy server; and

9 a DNS (Domain Name System) server.

- 1 25. The remotely configurable Virtual Private Network (VPN) of claim 22,
- 2 wherein said server-side network further comprises an authentication server
- 3 for authenticating a user of said client computer.
- 1 26. The remotely configurable Virtual Private Network (VPN) of claim 22,
- 2 wherein said service provider network further comprises:
- 3 a VPN provider;
- 4 a DNS (Domain Name System) server; and
- 5 an HTTP server.
- 1 27. The remotely configurable Virtual Private Network (VPN) of claim 22,
- 2 wherein said security generator is a PKI (Public Key Infrastructure)
- 3 Synchronizer.